SONY

VAIO

The Premier Multimedia Notebook PC.

VGN-A690

Sony® VAIO®
Digital Studio PC

The Sony® VAIO® A Series Digital Studio PC is a premier notebook, design-ed to offer the cutting edge of technology and performance with incomparable style. AV capabilities include premium speakers and an entertainment dock with a TV tuner and personal video recorder.

Full-Featured Multimedia notebook

The VAIO® A Digital Studio Notebook and A/V Entertainment Dock take mobile A/V capabilities to a whole new level. Watch and record high-quality TV. Convert VHS and 8mm videos into professional-quality DVDs. Capture and edit high-definition camcorder video. Fully equipped to handle all of your A/V entertainment demands.

High-Quality TV On Your Schedule

Watch and record all of your favorite shows with Sony's Giga Pocket® engine. Record your shows to DVD and create a digital library for personal viewing at your convenience with Click to DVD™ software and the DVD+R Double Layer/ DVD±RW drive[4].

Next-Generation Technology

Ready to meet your growing A/V entertainmentdemands. Whether you're turning your analog content into digital video, or editing and converting your high-definition camcorder video, you have the tools you need. And, with the DVD+R Double Layer/ DVD±RW drive, you can burn up to 8.5GB of data, music or digital photos - or up to 4 hours of MPEG-2 video - on one Double Layer DVD disc[4].

A Superior Viewing Experience

A powerful blend of Sony original technologies deliver an exceptional viewing experience. The 17" widescreen LCD with XBRITE™ technology brings movies to life with crisp images and vivid colors. Smart Display Sensor automatically adjusts to an optimal resolution when connecting to a compatible display or projector.

Model
VGN-A690

HARDWARE

Processor Name
Intel® Pentium® M Processor 750 (1.86GHz[1], 2MB L2 Cache)
Front Side Bus Speed
533MHz
Chipset
Intel® 915PM
Integrated Wireless LAN
Intel® PRO/Wireless 2915ABG Network Connection(802.11a/b/g)[3]
LCD
17" Wide UXGA (1920x1200) with XBRITE™ Technology and ErgoBright™ Technology
Hard Drive
100GB[2] 5400rpm SATA
Memory
1GB PC-4200 400MHz DDRW2 (512MB x 2)
(Expandable to 2GB)
Graphics
ATI Mobility™ Radeon® X600 128MB DDR SDRAM
Graphics Interface
VGA out w/ Smart Display Sensor
Video Interface
A/V mini jack
DVD+R Double Layer / DVD±RW Drive[4]
Double Layer
+R
DVD+R Write (2.4x MAX)
DVD±RW[4]
-RW
DVD-R Write (8x MAX); DVD-RW Write (4x MAX)
+RW
DVD+R Write (8x MAX); DVD+RW Write (4xMAX)
CD-RW
CD-R Write (24x MAX); CD-RW Write (24x MAX)
Modem
Integrated V.90 Modem with RJ-11 interface
Ethernet
10BASE-T/100BASE-TX/1000 BASE-T Ethernet with RJ-45 interface
Audio
Windows® sound system compatible, Built-in stereo speakers
Audio Interface
Monaural mini microphone jack, Headphone jack
Docking Station
AV Entertainment Dock with S-Master™ Digital Amplifier and Premium Speakers
Four USB 2.0 ports, Monitor (VGA) port, VHF/UHF TV port,Printer port DC in, S-Video in/out, DVI-D, RJ-45 Ethernet, Optical out, Line in (RCA Pin), Line out (RCA Pin), Giga Pocket®MPEG2 realtime encoder/ decoder board with TV Tuner
Memory Stick® Media Slot
Supports optional Memory Stick, Memory Stick PRO™ and Memory Stick DUO™ media[5]
PC Card Slots
One PCMCIA - Type II/Type I card slot with CardBus support
Other Interfaces
i.LINK® connector(IEEE 1394)[6], 3 USB 2.0 ports, port replicator connector
Pointing Device
Electro-Static touch pad
Keyboard
QWERTY, 86 keys with 3mm stroke and 19.05mm pitch
Action Buttons
Power On, S1 (programmable), Magnify Screen, Brightness, Volume(+), Volume(-), Mute, Wireless LAN on/off
Power Requirements
135W+10%
Battery
Lithium-ion Battery (PCGA-BP2EA)
Estimated Battery Life
Standard Battery: 1.0 - 2.5 hours[7]
Optional Floppy Drive
External 1.44 MB, 3.5" USB floppy drive (VGP-UFD1)
Weight
8.8 lbs. with standard battery (weight is approximate and may vary)
Size (W x H x D)
16" x 1.7"-1.8" x 11"
Supplied Accessories
Standard Lithium-ion battery (PCGA-BP2EA), Power cord & AC adapter (PCGA-AC19V7), AV Entertainment Dock w/Speakers(2) & Remote Control
Optional Accessories
Additional Battery (PCGA-BP2EA)
AC Adapter (PCGA-AC19V7)
Visual Communication Camera (PCGA-UVC11A)
Wireless optical mouse (PCGA-WMS5/S)
USB Mobile Mouse- Black (PCGA-UMS3/B)
USB Mobile Mouse- Silver (PCGA-UMS3/S)
Wireless Keyboard and Mouse (VGP-WKB1)
Memory Card Adapter (VGP-MCA10)
512MB memory expansion module (VGP-MM512L)
Universal Carrying Case (VGP-AMB1)
Sport Backpack (VGP-AMB2)
Neoprene Notebook & AC Adapter (VGP-AMC2)
60GB External Hard Drive (PCGA-HDM06)[2]
External Floppy Disk Drive (VGP-UFD1)

SOFTWARE

Operating System
Microsoft® Windows® XP Home Edition with Service Pack 2
Sony Original Software
VAIO Zone™ with WinDVD
Click to DVD™ - DVD Creation
VAIO Zone™ Personal Video Recorder Component
SonicStage® Mastering Studio - Audio Mastering & Remastering
DVGate Plus™ - Digital Video
SonicStage® 2.1 - Digital Music
PictureGear Studio™ - Digital Photo
VAIO Media™ - Network File Sharing
VAIO® A Series Software Bundle
Adobe® Photoshop® Elements
Adobe® Photoshop® Album Starter Edition
Intuit Quicken® 2005 New User Edition (previous Quicken users may require additional upgrade)
InterVideo® WinDVD®
Microsoft® Works 8.0 - Word Processing, Spreadsheet, Calendar, Scheduling, Contact Management, and Database
Microsoft® Office® 2003 60-Day Trial (Student/Teacher Edition)
Sonic RecordNow!® 7
Anti-Virus & Recovery Software
Norton® Internet Security™ 90-Day Subscription - Norton AntiVirus®, Norton Personal Firewall, Norton Privacy Control, Norton AntiSpam®, Norton Parental Control
Intermute™ SpySubtract™ 30-Day Trial
VAIO® Update software
VAIO® Recovery Wizard software
VAIO® Help and Support software
Internet Services
AOL Online™ 90-Day Trial - New Users Only

SERVICE AND WARRANTY INFORMATION

Limited Warranty
1 Year Limited Warranty[8]
Telephone Support
1 year toll-free technical telephone assistance, available 24-hours, 7-days-a-week[9].
On-line and Email Support
Support available from http://www.sony.com/pcsupport

1. GHz denotes microprocessor internal clock speed; other factors may affect application performance. CPU speed will be reduced under certain operating conditions.
2. GB means one billion bytes when referring to hard drive capacity. Accessible capacity may vary. A portion of hard disk space is reserved as a recovery partition.
3. Requires compatible wireless LAN access point, sold separately. Internet connection may require fees.
4. DVD Media/Formats are not universally compatible.
5. Supports Memory Stick PRO™ high-capacity media tested up to 1GB. Does not support MagicGate™ functionality.
6. i.LINK is a trademark of Sony used only to designate that a product contains an IEEE 1394 connector. All products with an i.LINK connector may not communicate with each other.
7. Estimated battery life. Actual battery life may vary on usage.
8. See actual Limited Warranty for details. For a copy of Sony's warranty, please visit www.sony.com/pcsupport, call toll-free 888-476-6972 (888-4SONYPC), or write to Sony Electronics, 12451 Gateway Boulevard, Fort Myers, FL 33913.
9. For certain third party software applications, Sony provides first level Phone Support. Additional telephone support may be available from the applicable 3rd party vendor. Availability and schedule for any such support is determined by the applicable software vendor.

Computer Interface: The computer industry lacks standards, and therefore, there are a multitude of varying software packages and add-on hardware options. This personal computer is not manufactured to operate any specific software, and Sony does not and cannot make any warranty or representation with respect to the performance of this product with any particular software packages and/or non-Sony add-on hardware options except those mentioned in this document. Sony hereby disclaims any representations or warranty that this product is compatible with any combination of products you may choose to connect. While Sony representatives or Sony authorized dealers may be able to assist you and may make recommendations, they are NOT authorized to vary or waive this disclaimer. Purchasers must determine for themselves the suitability and compatibility of the hardware and software in each and every particular instance. Software titles pre-installed on the Sony Notebook Computer are subject to change without notice. Simulated graphic shown on display. Preinstalled software may not be identical to retail versions or have all documentation. This product meets the standards of the International Energy Star Program for energy efficiency. Features and specifications are subject to change without notice. Non-metric weights and measurements are approximate.

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